

BOX PCT  
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE  
OF THE UNITED STATES PATENT AND TRADEMARK OFFICE  
UNDER THE PATENT COOPERATION TREATY--CHAPTER II

*3.5 Steven*  
*#5/a*  
*5-9-01*

**PRELIMINARY AMENDMENT A**  
**PRIOR TO ACTION**

APPLICANT(S): JOACHIM BAUMANN ET AL  
ATTORNEY DOCKET NO.: P01,0008  
INTERNATIONAL APPLICATION NO: PCT/DE99/02590  
INTERNATIONAL FILING DATE: 18 AUGUST 1999  
INVENTION: THERMAL WAVE MEASURING METHOD

Assistant Commissioner for Patents,  
Washington D.C. 20231

Sir:

Applicants herewith amend the above-referenced PCT application, and request entry of the Amendment prior to examination on the United States Examination Phase.

**IN THE CLAIMS:**

On page 7:

replace line 1 with -WHAT IS CLAIMED IS--;

Please replace original claims 1-8 with the following rewritten claims 1-8, referring to the mark-ups in Appendix A.

1. (Amended) A thermal wave measuring method for contact-free measurement of geometrical or thermal features of a layer structure, comprising the steps of:  
simultaneously driving a modulatable heat source with at least two predetermined discrete different frequencies in an amplituded-modulated manner,